



US 20130325498A1

(19) **United States**

(12) **Patent Application Publication**

Muza, JR. et al.

(10) **Pub. No.: US 2013/0325498 A1**

(43) **Pub. Date: Dec. 5, 2013**

(54) **HEALTH OUTCOME PREDICTION AND MANAGEMENT SYSTEM AND METHOD**

Publication Classification

(71) Applicant: **United States of America, as represented by the Secretary of the Army, Fort Detrick, MD (US)**

(51) **Int. Cl.**
G06F 19/00 (2006.01)

(52) **U.S. Cl.**
CPC **G06F 19/3437** (2013.01)
USPC **705/2**

(72) Inventors: **Stephen R. Muza, JR.**, Medway, MA (US); **Beth A. Beidleman**, Holliston, MA (US); **Charles S. Fulco**, Medway, MA (US); **Allen Cymerman**, Framingham, MA (US)

(57) **ABSTRACT**

(21) Appl. No.: **13/910,254**

A system, method and apparatus for providing statistical estimates useful for decision support, including computer networks and software configured to provide such support. The methods and apparatus herein are particularly useful for providing information to health care providers, mission commanders and decision makers as it relates to the statistical modeling of the severity, prevalence and category of prevalence of various diseases in general, and to Acute Mountain Sickness in particular.

(22) Filed: **Jun. 5, 2013**

Related U.S. Application Data

(60) Provisional application No. 61/655,802, filed on Jun. 5, 2012.

Altitude Illness Decision Aid Module Software Flowchart

